



# 2015 Leading by Example Awards

Presented by the Commonwealth of Massachusetts

*The **Leading by Example Awards** recognize outstanding efforts among Commonwealth agencies, public higher education institutions, municipalities, and individuals that have established and implemented policies and programs resulting in significant and demonstrable energy and environmental benefits.*



## STATE AGENCIES



The **Massachusetts State College Building Authority (MSCBA)** oversees a portfolio of over one million square feet of state buildings at public higher education institutions. The Authority is a leader in designing and constructing energy-efficient and sustainable buildings through innovative strategies across the Commonwealth. With 14 LEED certified buildings across 8 campuses built in the last decade, the MSCBA is a key contributor to state government's energy efficiency and environmental accomplishments.



The **MA Clean Energy Partnership for Wastewater and Drinking Water Facilities** was formed in 2008 by MassDEP, UMass Lowell, DOER, and EPA Region 1. The partnership targets reductions in energy use, costs and GHG emissions in wastewater and drinking water operations. Approximately 1/3 of the state's 250 drinking water and 120 wastewater municipal facilities or districts have participated in the Partnership's programs, increasing on-site clean energy generation by an estimated 170% and saving over \$35 million.

## PUBLIC HIGHER EDUCATION

**Worcester State University**, a 2012 signatory to the President's Climate Commitment has been especially busy the past 12 months. WSU is reporting improvements in areas ranging from new composting efforts, to green buildings, to alternative transportation. WSU embarked on a campus-wide transition to LED light bulbs that will save over 271,000 kWh and \$40,000 dollars annually, installed its first EV charging stations this summer, and has 2 LEED-Gold designed residence halls.



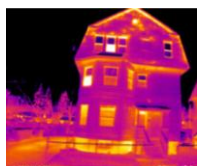
**UMass Boston** has incorporated sustainability as a "leading guiding principle" in its 25 year master plan and is playing a major role in regional climate preparedness and resiliency efforts. A massive utility corridor and roadway relocation project is underway that includes substantial biking infrastructure, extensive tree plantings, and a storm water management system to reduce runoff and pollution in Boston Harbor. The campus opened its first LEED-designed building this year and recycles over 3,500 tons of material annually.



## MUNICIPAL



Designated a Green Community in 2010, the **Town of Kingston** is a coastal community of 12,000 people on the South Shore. The Town has implemented a host of clean energy and energy efficiency projects across municipal facilities that save over \$160,000 annually. The Town hosts five wind turbines, established an innovative Renewable Energy Grant and Loan program for residents, and is currently working towards installing a large-scale solar PV system on its capped landfill that will provide power to the town wastewater treatment plant.



The Town of Belmont's community-owned utility, **Belmont Light**, offers a wide range of energy efficiency programs for the town and its residents. Over 1 in 5 Belmont homes have participated in an energy efficiency program, including the Belmont Light Energy Grant Program that provides valuable weatherization reviews and incentives to residents, a town-wide thermal imaging program, and a summer peak electricity demand response program that resulted in a 10-15% reduction in usage during peak periods for participants.

## INDIVIDUALS

As the Energy Efficiency Manager for Melrose, **Martha Grover** has championed clean energy and energy efficiency projects in her community. These projects, including some at the city's public schools, are saving thousands of dollars in annual energy costs and thousands of gallons of fuel oil. Martha is leading the effort to retrofit over 3,000 streetlights in Melrose to LEDs, has championed energy efficiency through the local media, and has played a key role in Melrose's Green Communities implementation efforts.



**Stephen Brown, Raul Silva, and Yvonne Jones** are the Department of Conservation and Recreation's energy and sustainability champions. This team is leading a host of initiatives ranging from the retrofit of thousands of exterior lights to LEDs, which is expected to save an estimated \$500,000 annually, to conducting feasibility studies for renewable thermal technologies and playing a key role in DCR's participation in the Accelerated Energy Program at more than 50 DCR sites.

